

#17
E. J. [unclear]
9/18/47

In re application of: Skeem, et al

Examiner:

Group Art Unit: 3203

For: Metal Single Layer Abrasive Cutting Tool Having a Contoured Cutting Surface

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Figure 6

This amendment addresses the Advisory Office Action mailed on June 12, 1997, in U.S. Serial Number: 08/616,538, filed March 15, 1996, the parent application to this FWC application. Claims 1 - 34 were pending in the parent application and Claims 2 and 27 were withdrawn from consideration as being directed to a non-elected species. Claims 1, 3-26 and 28-~~32~~⁴ were rejected under 35 USC Section 102(b) over US Pat. No 5,215,072 to Scott ("Scott"). Claims 1, 3-26, and 28-32 were rejected under 35 USC Section 103(a) over Scott. Applicants respectfully traverse these rejections.

Applicants also are filing this FWC application to permit consideration of prior art cited in a search report in an equivalent patent application filed in the European Patent Office. This prior art is not of record in the parent application.

REMARKS

Applicants refer to the comments filed on June 2, 1997, made in response to the Final Rejection. The Advisory Action indicates “In the specification, page 19, lines 9-17, the applicant discloses that brazing provides a chemical bond for adhering the abrasive grains to the abrasive element.” Looking to the precise language on page 19, Applicants state “It is believed **some** brazes used in conventional SL tools can be used in ...the ...invention....The braze must provide a chemical bond which is strong enough to resist the simultaneous peeling of lower cutting levels....”